

## DAFTAR PUSTAKA

- Asgarpanah, J. & Khoshkam, R., 2012, Phytochemistry and Pharmacological Properties of *Ruta graveolens* L, *Journal of Medicinal Plants Research*, 6 (23), 3942-3949.
- Arifin, H., Anggraini, N., Handayani, D.& Rasyid, R., 2006, Standarisasi Ekstrak Etanol Daun *Eugenia cumini* Merr, *Jurnal Sains Teknologi Farmasi*, 11 (2), 88-93
- Beishir, L., 1991, *Microbiology in Practice: A Self-Instructional Laboratory Course*, 5th ed. HarperCollins Publishers Inc, New York, USA. 223 - 229, 356 - 361, 446 - 450.
- Bakri, Saekhol, 2007, Pengaruh Pemberian Ekstrak Daun Salam (*Syzygium polyanthum*) Terhadap Hitung Jumlah Koloni Kuman *Salmonella typhimurium* Pada Hepar Mencit Balb/c yang Diinfeksi *Salmonella typhimurium*, Artikel Karya Ilmiah, Universitas Diponegoro.
- Barbosa, F., Leite, G., Alves, S., Nascimento, A., D'Ávila, V., Costa, C., 2011, Insecticide effects of *Ruta graveolens*, *Copaifera langsdorffii* and *Chenopodium ambrosioides* against pests and natural enemies in commercial tomato plantation, *Maringa*, 33(1), 37-43.
- Bidarisugma, B., Timur, S. & Purnamasari, R., 2012, Antibodi Monoklonal *Streptococcus Mutans* 1 (c) 67 kDa sebagai Imunisasi Pasif dalam Alternatif Pencegahan Karies Gigi secara Topikal, *Berkala Ilmiah Mahasiswa Kedokteran Gigi Indonesia*, 1(1), 6-12.
- Boizidi, A., Latreche, A., Attaoui, L., Benabderrahmane, M., Mehdadi, Z. & Benyahia, M., 2012, Antibacterial Effect of the Essential Oils Extracted From *Ruta chalepensis* L. and *Ruta montana* (L.) L., *Journal of Life Sciences*, 6, 898-902.
- Capuccino, James, G., Natalie, S., 2001, *Microbiology : A Laboratory Manual*, 6th ed, Benjamin Cummings. San Fransisco.
- Carlo, D., Mascolo, N., Izzo, A, & Capasso, F., 1999, Flavonoids: old and new aspects of a class of natural therapeutic drugs, *Life Sci*, 65 (4), 337–53.
- Contini, S., Salvador, M., Watanabe, E., Ito, I., Oliveira, & Dionela, 2003, Antimicrobial activity of flavonoids and steroids isolated from two *Chromolaena* species., *Brazilian Journal of Pharmaceutical Sciences*, 39 (4), 403-408

- Depkes RI, 1979, *Farmakope Indonesia, Edisi ketiga*, Jakarta, Departemen Kesehatan RI, 3-9.
- Estrela, C., Sydney, G., Bammann, L, & Felipe, J.,1995, Mechanism of action of calcium and hydroxyl ions of calcium hydroxide on tissue and bacteria, *Brazil Dent J*, 6, 85–90.
- Fakhfakh, N., Zouari, S., Zouari, M., Loussayef, C, & Zouari, N., 2012, Chemical Composition of Volatile Compounds and Antioxidant Activities of Essential Oil, Aqueous and Ethanol Extracts of Wild Tunisian *Ruta chalepensis* L. (Rutacea), *Journal of Medicinal Plants Research*, 6 (4), 593-600.
- Gandjar, I, & Rohman, A., 2007, *Kimia Farmasi Analisis*, Yogyakarta, Pustaka Pelajar, 353-368.
- Gunaydin, K, & Savci, S., 2010, Phytochemical Studies on *Ruta chalepensis* (Lam.) Lamarck, *Natural Product Research*, 19 (3), 203–210.
- Harbone, J., 1987, *Metode Fitokimia, penuntun cara modern menganalisis tumbuhan*, diterjemahkan oleh Padwawinata, K., Bandung, ITB, 6-8, 102-104.
- Hargono, D., 1986, *Sediaan galenik*, Jakarta, Fakultas Kedokteran Universitas Indonesia, 10-11.
- Hostettmann, K., Hostettmann, M, & Marston, A., 1995, *Cara Kromatografi Preparatif*, diterjemahkan oleh Padwawinata, K., Bandung, ITB, 33-36.
- Hosseinzadeh, H., Bazzaz, B., Haghi, M, 2007, Antibacterial Activity of Total Extracts and Essential oil of *Nigella sativa* L. Seeds in Mice, *Pharmacologyonline*, 2, 429-435.
- Jawetz, E., Melnick, J, & Adelberg, E., 1996, *Mikrobiologi Kedokteran*, Ed. 20. Jakarta, EGC, 157, 21-217.
- Johnson, T, & Case, C., 1995. *Laboratory Experiments in Microbiology*. Ed. 4, The Benjamin/Cummings Publishing Company, Inc, California, 39 - 41, 101 - 103, 313 - 314.
- Lehner, T., 1995, *Immunology pada penyakit mulut*, Alih bahasa : Farida, R, & Suryadhana, N., Jakarta, EGC, 3, 26-41, 61-91.
- Lestari, S, & Pari, G., 1990, Analisis Kimia Beberapa Jenis Kayu Indonesia, *Jurnal Penelitian Hasil Hutan Pusat Penelitian dan Pengembangan Hasil Hutan*, VII (3), 96-100.

- Mirzoeva, O., Grishanin, R., & Calder, P., 1997, Antimicrobial action of propolis and some of its components: the effects on growth, membrane potential, and motility of bacteria. *Microbiol Res*, 152, 239-46.
- Meepagala, K., Schrader, K., Wedge, D., & Duke, S., 2005, Algicidal and antifungal compounds from the roots of *Ruta graveolens* and synthesis of their analogs, *Phytochemistry*, 66, 2689-2695.
- Nurhaya, M., Laina, Z., Norazian, M., & Khairul, A., *Bioautographic Screening For Natural Quinolone Antimicrobial Agents From Glycosmis pentaphylla* (Retz) DC., *Ruta angustifolia* (L.) Pers. and *Lunasia amara* Blanco, International Islamic University Malaysia, Kuantan.
- Palanisamy, P., Jayakar, B., Kumuthavalli, M., Kumar, Y., & Srinath, K., 2012, Preliminary Phytochemical Evaluation Of Whole Plant Extract Of *Dipteracanthus prostratus* Nees, *International Research Journal of Pharmacy*, 3 (1), 150-153.
- Payan, G., Holguin, N., Hernandez, A., Miramontes, M., Mitnik, D., 2010, Computational molecular Characterization of the Flavonoid Rutin, *Chemistry Central Journal*, 4, 12.
- Pratiwi, Sylvia, T., 2008, *Mikrobiologi Farmasi*, Yogyakarta, Erlangga.
- Rambe, K., Pasaribu, A., Bulan, R., 2012, Uji Antibakteri Ekstrak Methanol Daun Salam (*Syzygium polyanthum*) Terhadap Bakteri *Escherichia coli* dan *Salmonella. Sp*, *Jurnal Saintia Kimia*, 1 (1), 35-39
- Ratheesh, M., & Helen, A., 2007, Anti-inflammatory activity of *Ruta graveolens* Linn on carrageenan induced paw edema in wistar male rats. *Afr. J. Biotechnol.*, 6(10), 1209-1211.
- Rilda, Y., Dharma, A., Arief, S., Alief, A., Shaleh, B., 2010, Efek Doping Ni (II) Pada Aktivitas Fotokatalitik Dari TiO<sub>2</sub> Untuk Inhibisi Bakteri Patogenik, *Makara, Sains*, 14 (1), 7-14.
- Salni, Hanifa, & Wedya, R., 2011, Isolasi Senyawa Antibakteri Dari Daun Jengkol (*Pithecolobium lobatum* Benth) dan Penentuan Nilai KHM-nya. *Jurnal Penelitian Sains*, 14 (1), 14109.
- Sayed, K., Al-Said, M., El-Ferally, F., & Ross, S., 2000, New Quinoline Alkaloids from *Ruta chalepensis*, *Journal of Natural Products*, 63 (7), 995-997.

- Shehadeh, M., Afifi, F., & Abu-Hamdah, S., 2007, Platelet Aggregation Inhibitors from Aerial Parts of *Ruta chalepensis* Grown in Jordan, *Integrative Medicine Insights*, 2, 35-39.
- Singha, M., Govindarajana, R., Rawata, A., & Khareb, P., 2008, Antimicrobial Flavonoid Rutin from *Pteris vittata* L. Against Pathogenic Gastrointestinal Microflora, *American Fern Journal*, 98 (2), 98-103.
- Soerodjo, T., 1989, Respon Imun Humoral terhadap *Streptococcus mutans* Sehubungan dengan Karies gigi, *Disertasi*, Universitas Airlangga.
- Soerodjo, T., Sardjimah, A., Cecillia, G., & Wulan, P., 2002, Antibodi Monoklonal IgA *S. mutans* dalam Bahan Tumpatan Sementara Sebagai Pengobatan Spesifik Antikaries Gigi, *Laporan Penelitian*, Universitas Airlangga.
- Soesilo, S., Hargono, & Charles, J., 1989, *Materia Medika Indonesia*, jild V, Jakarta, Departemen Kesehatan Republik Indonesia, 549-552.
- Steenis, 2005, *Flora*, Jakarta, PT. Pradnya Paramita, 237.
- Sticher, O., 2008, Natural Product Isolation, Natural Product Reports, *The Royal Society of Chemistry*, 25, 517–554.
- Tjitrosoepomo, G., 2007, *Taksonomi Tumbuhan Spermatophyta*, Yogyakarta, UGMpress, 290-293.
- Toserkani, A., Jalali, M., Najafzaheh, H., 2011, Changes of lipid profiles, glucose, and hemogram after administration of *Ruta graveolens* extract in diabetic rats. *Comp. Clin. Pathol.*, 10, 1331-1333.
- Wagner, H., & Bladt, S., 1996, *Plant Drug Analysis, A Thin Layer Chromatography Atlas, Second Edition*, Germany, Springer, 6, 126, 151, 152, 196, 197.
- Wilson, G., 1982, *Kimia farmasi dan medisinal organik*. Edisi ke-8. Diterjemahkan oleh Fatah, A. M., Jakarta, Dirjen Dikti dan Kebudayaan, 2-10.